

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Previously Presented) A composition for culturing intestinal epithelial cell lines, consisting essentially of a cell culture growth medium supplemented with fetal bovine serum, nonessential amino acids, human transferrin, bovine insulin, human epithelial growth factor, sodium butyrate, hydrocortisone, progesterone, and testosterone.
2. (Original) The composition of claim 1, wherein the cell growth medium is DMEM/F-12 medium, supplemented with about 1% nonessential amino acids.
3. (Original) The composition of claim 1, wherein the concentration of each of human transferrin, bovine insulin and EGF is from about 0.01 to about 200 $\mu\text{g/ml}$.
4. (Original) The composition of claim 1, wherein the concentration of each of hydrocortisone, progesterone, and testosterone is from about 0.01 to about 10 μM .
5. (Original) The composition of claim 1, wherein the concentration of sodium butyrate is from about 0.05 to 5 mM.
6. (Original) The composition of claim 1, wherein the cell culture medium is supplemented with about 5 to about 20% fetal bovine serum.
7. (Currently Amended) The composition of claim 2 1, ~~which comprises DMEM/F12 medium supplemented with~~ wherein the concentration of about 10% fetal bovine serum is about 10%, the amount of about 2-mu-M L-glutamine is about 2 μM , about 1% nonessential amino acids, the concentration of about 100 -mu.g/mL human transferrin is about 100 $\mu\text{g/mL}$, about 30 -mu.g/mL, the concentration of bovine insulin is about 30 $\mu\text{g/ml}$, about 50-ng/mL the concentration of human epithelial growth factor is about 50 ng/mL, about 2-mM the amount of sodium butyrate is about 2 mM, and about 5-mu-M the amount of each of hydrocortisone, progesterone, and testosterone is about 5 μM .

8. (Withdrawn – Currently Amended) A method for culturing an intestinal cell line in vitro, comprising resuspending the cells in a composition ~~comprising~~ consisting essentially of cell culture growth medium supplemented with fetal bovine serum, nonessential amino acids, human transferrin, bovine insulin, human epithelial growth factor, sodium butyrate, hydrocortisone, progesterone, and testosterone; seeding the cells onto dry cell culture inserts; and incubating the cells at 37 °C. in 5% CO₂.

9. (Withdrawn) The method of claim 8, wherein the cells are confluent and differentiated in about 4 days.

10. (Withdrawn) The method of claim 8, wherein the cell growth medium is DMEM/F-12 medium, supplemented with about 1% nonessential amino acids.

11. (Withdrawn) The method of claim 8, wherein the concentration of each of human transferrin, bovine insulin and EGF is from about 0.01 to about 200 µg/ml.

12. (Withdrawn) The method of claim 8, wherein the concentration of each of hydrocortisone, progesterone, and testosterone is from about 0.01 to about 10 µM.

13. (Withdrawn) The method of claim 8, wherein the concentration of sodium butyrate is from about 0.05 to 5 mM.

14. (Withdrawn) The method of claim 8, wherein the cell culture medium is supplemented with about 5 to about 20% fetal bovine serum.

15. (Withdrawn) The method of claim 8, wherein the intestinal cell line is a Caco-2 cell line.

16. (Currently Amended) A process for preparing a composition for culturing intestinal epithelial cell lines consisting essentially of ~~cell culture media comprising admixing under sterile conditions~~ a cell culture growth medium supplemented with fetal bovine serum, nonessential amino acids, human transferrin, bovine insulin, human epithelial growth factor, sodium butyrate, hydrocortisone, progesterone, and testosterone, wherein all ingredients are admixed under sterile conditions.

17. (Original) The process of claim 16, wherein the cell growth medium is DMEM/F-12 medium, supplemented with about 1% nonessential amino acids.

18. (Original) The process of claim 16, wherein the concentration of each of human transferrin, bovine insulin and EGF is from about 0.01 to about 200 $\mu\text{g/ml}$.

19. (Original) The process of claim 16, wherein the concentration of each of hydrocortisone, progesterone, and testosterone is from about 0.01 to about 10 μM .

20. (Original) The process of claim 16, wherein the concentration of sodium butyrate is from about 0.05 to 5 mM.

21. (Original) The process of claim 16, wherein the cell culture medium is supplemented with about 5 to about 20% fetal bovine serum.